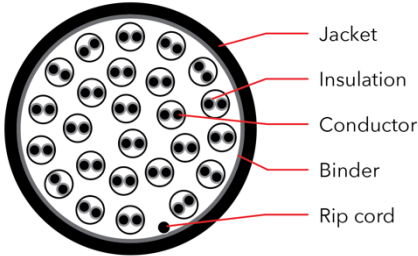


CAT 3 UTP RISER (CMR) 24AWG 25PR CABLE



Cable Detail



Applicable Standards

- C(ETL) listed FT4 CMR
- C(ETL)US Verified to TIA-568-C.2
- RoHS Compliant



Physical Characteristics

Conductor Material	Solid Bare Copper
Number of Conductors	25
AWG	24 AWG
Stranding	Solid
Insulation Material	HDPE
Overall Diameter	0.0315 in. ± 0.0002 in
Average Thickness	0.00709 in
Jacket Material	Flame Retardant PVC
Average Wall Thickness	0.0394 in. ± 0.0002 in.
Nominal Outer Diameter	0.394 in. ± 0.0002 in.
Assembly Diameter	0.3346 in.
Twisted Pair Diameter	0.06299 in.
Nominal Weight	107 lbs.
Shielding (Y/N)	No
Ripcord (Y/N)	Yes
Separator (Y/N)	No

Mechanical Characteristics

Temperature Range	Installation	0°C to + 75°C
	Operating	-20°C to + 75°C
Tensile Strength	Before	>= 13.8 Mpa
Elongation	Aging	>= 100%
Aging Condition		100°C x 168 hours
	After	>= 85% of unaged
	Aging	>= 50% of unaged

Electrical Characteristics

Max. Conductor DC Resistance @ 20°C	13.5 Ω / 100 Meters
Maximum DC Resistance Unbalanced @ 20°C	5%
Max. Pair-to-Pair Ground Capacitance Unbalance	330 pF / 100 Meters
Characteristic Impedance (1 ~ 350 MHz)	100 ± 15 Ω
Mutual Capacitance	5.6 nF / 100 Meters
Max. Delay Skew	45 nS / 100 Meters

Insulation Colors

Pair 1	Blue - White	Pair 14	Brown - Black
Pair 2	Orange - White	Pair 15	Gray - Black
Pair 3	Green - White	Pair 16	Blue - Yellow
Pair 4	Brown - White	Pair 17	Orange - Yellow
Pair 5	Gray - White	Pair 18	Green - Yellow
Pair 6	Blue - Red	Pair 19	Brown - Yellow
Pair 7	Orange - Red	Pair 20	Gray - Yellow
Pair 8	Green - Red	Pair 21	Blue - Violet
Pair 9	Brown - Red	Pair 22	Orange - Violet
Pair 10	Gray - Red	Pair 23	Green - Violet
Pair 11	Blue - Black	Pair 24	Brown - Violet
Pair 12	Orange - Black	Pair 25	Gray - Violet
Pair 13	Green - Black		

Part Numbers	Jacket Color	Package
3-25URGY2	Grey	1000FT / Reel

Cable Marking

XXXXXX CATEGORY 3 24AWG 25PR UTP CMR 75C FT4
C(ETL)US VERIFIED (ETL) TIA- 568-C.2 ****FT

